Roll No. Total No. of Questions : 06

Total No. of Pages : 01

M.Pharmacy (Pharmacy Practice) (Sem.–1) CLINICAL RESEARCH Subject Code : MPP 104T M.Code: 79246 Date of Examination : 27-01-23

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES : 1.

- Attempt any FIVE questions out of SIX questions. Each question carries FIFTEEN marks. 2.
- Briefly describe the following: 1.
 - a) Ethical issues in Biomedical Research
 - b) Methods of randomization in clinical studies
 - c) Various approaches of drug discovery.
- Describe the various requirements and designs for bioavailability and bioequivalence studies as 2.
- a) Describe the content requirements for preparation of informed consent documents. 3.
 - b) Describe the significance of pre-study visit for site and investigator selection and finalizing clinical trial agreement.
- a) Describe the role of pharmacist in procurement and storage of an investigational new drug. 4.
 - b) Describe the preparation and maintenance of Trial Master file.
 - c) Describe the role of EC in conducting and monitoring study site visit.
- 5. Describe the infrastructure and system requirement for data management in clinical trials.
- 6. Write short note on following :
 - a) Fraud and misconduct in clinical trials

b) Health outcome measures.

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Roll No.

Total No. of Questions : 06

Total No. of Pages : 01

M.Pharmacy (Pharmacy Practice) (Sem.–1) HOSPITAL & COMMUNITY PHARMACY Subject Code : MPP 103T M.Code : 79245

Date of Examination : 25-01-23

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

- Attempt any FIVE questions out of SIX questions.
- 2. Each question carries FIFTEEN marks.
- 1. a) Define hospital pharmacy. Discuss in detail relationship of hospital pharmacy with other departments.
 - b) Give classification and organizational structure of hospitals.
- 2. a) Write a note on methods of inventory control.
 - b) Explain in detail hospital waste management.
- 3. a) Describe legal requirements to start community pharmacy.
 - b) Comment on relationship of community pharmacist with other health care providers.
- 4. a) Discuss in detail OTC medication.
 - b) Write a note on ADR monitoring in community pharmacies.
- 5. a) Give preventive measure for the communicable and non-communicable diseases.
 - b) Define home medicine program along with objectives and guidelines.
- 6. a) Describe the drug procurement process.
 - b) Write a note on interpretation of prescription.

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	Date. of Examination : 23-01-23 Time : 3 Hrs. INSTRUCTIONS TO CANDIDATES : 1. Attempt any FIVE questions out of EIGHT questions. 2. Each question carries FIFTEEEN marks. 1. Briefly describe the role of following drugs: a) Bea Receptor Blockers in management of Hypertension	Max. Marks : 75
2 -1 N	STRUCTIONS TO CANDIDATES : Attempt any FIVE questions out of EIGHT questions. Each question carries FIFTEEEN marks.	
-	 Briefly describe the role of following drugs: 	
	a) Beta Receptor Blockers in management of Hypertension	
	b) SGLT-2 inhibitors for management of Type-II Diabetes Mellitus	
	c) Sulfasalazine for management of Inflammatory Bowel Disease	
	d) Methotrexate for treatment of psoriasis	
	c) Steroids for treatment of conjunctivitis.	
2	Describe the pathophysiology and therapeutic management of Congestive Heart Failure.	Heart Failure.
ί'n	Compare and describe the advantages and disadvantages of following drug categories:	g categories:
	a) Conventional DMARDs versus Biological DMARDs for treatment of Rheumatoid Arthritic	Rheumatoid Arthritic
	b) DPP4 enzyme inhibitors versus This	

e) Asthma.

c) Pernicious Anemia

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d) Liver Cirrhosis.

Total No. of Questions : 06

M.Pharmacy (Pharmacy Practice) (Sem.-1) PRARMACOTHERAPEUTICS-I

Subject Code : MPP 102T M.Code: 79244

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c) Peptic Ulcers b) Glaucoma a) Osteoporosis

Describe the causes, clinical sign and symptoms of following disorders :

a) Eczema

b) Hyperthyroidism

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Total No. of Pages : 02

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Describe the pathophysiology of following diseases:

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- 4 c) HMG CoA reductase inhibitors versus Fibric acid derivatives for Hypercholesterolemia.

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Describe the lab investigations, clinical features, diagnosis and management of various drug induced hematological disorders.

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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacy Practice) (Sem.-1) CLINICAL PHARMACY PRACTICE Subject Code : MPP 101T M.Code: 79243 Date of Examination : 21-01-23

Time : 3 Hrs.

1 M-79243

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX.

- Each question carries FIFTEEEN Marks. 2.
- Define clinical pharmacy. Discuss its evolution, scope and national scenario of clinical 1. pharmacy practice.
- Discuss the preparations required for effective patient counselling and the barriers in 2. patient counselling. Write a note on documentation of clinical pharmacist services.
- Discuss in detail about its structure of patient case history and its significance in drug 3. therapy management.
- Enlist various liver function tests and discuss their reference values and interpretation of 4. abnormal results.
- Enlist various tests associated with cardiac disorders and discuss their significance and 5. interpretation of abnormal results.
- Define poison information centre. Discuss in detail the need, organization and functions 6. of poison information centre.

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